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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/785,163

02/23/2004

Laura J. Butler

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08/15/2006

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EXAMINER

TRAN, TAM D

ART UNIT

PAPER NUMBER

2628

DATE MAILED: 08/15/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/785,163

Applicant(s)

BUTLER, LAURA J.

Examiner

Tam D. Tran

Art Unit

2628

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 03 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 09 November 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-4 and 21-30 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-4, 21-24 is/are allowed.
- 6) ☒ Claim(s) 25-30 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>9/23/05, 2/23/04</u> | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 25-30, are rejected under 35 U.S.C. 102(e) as being anticipated by Vahalia et al. (USPN 5933603).

2. In regard to claim 25, Vahalia teaches a system for managing memory of an application sharing environment, comprising:

A memory allocation component (stream server controller) that allocates or deallocates memory (the reserve memory in stream server computer being allocated), see col.30 lines 44-51; and a transfer control component (client request) that transfers control of an application sharing session and causes memory to be allocated at a computing device when control is transferred from the computing device to another computing device participating in the application sharing session (the reserve memory being allocated in response to client request). see col.30 lines 52-65.

3. In regard to claim 26, Vahalia teaches a system for managing memory of an application sharing environment wherein the transfer control component allocates

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memory when a host computing device associated with the transfer control component transfers control to a participant computing device (the reserve memory being allocated in response to client request). see col.30 lines 52-65.

4. In regard to claim 27, Vahalia teaches a system for managing memory of an application sharing environment wherein the transfer control component deallocates (data are removed from memory) the allocated memory when the participant computing device relinquishes control. See col.23 lines 1-5.

5. In regard to claim 28, Vahalia teaches a system for managing memory of an application sharing environment wherein the memory allocation component causes memory to be allocated when a participant joins the application sharing session (the reserve memory being allocated in response to client request). see col.30 lines 52-65.

6. In regard to claim 29, Vahalia teaches a system for managing memory of an application sharing environment wherein the allocated memory is used by a host computing device to process input from a participant computing device (the reserve memory being allocated in response to client request). see col.30 lines 52-65.

7. In regard to claim 30, Vahalia teaches a system for managing memory of an application sharing environment wherein the host computing device and the participant computing device engage in the application sharing session (the reserve memory being allocated in response to client request). see col.30 lines 52-65.

Allowable Subject Matter

8. Claims 1-4, 21-24, are allowed.

The closest prior art shows transferring control of the application share session to participant computing device but does not disclose allocating within the host computing device a second block of memory for participant computing device of application program share session of size less than the first block of memory; upon transferring control, allocating additional memory associated with the first block of memory to process input from the participant computing device.

The closest prior art shows transferring control of the application share session to participant computing device but does not disclose allocating within the host computing device a second block of memory for participant computing device of application program share session of size less than the first block of memory; upon transferring control, allocating additional memory associated with the second block of memory to process input.

Response to Arguments

9. Applicant's arguments with respect to claim 25 have been considered but are moot in view of the new ground(s) of rejection.

In response to applicants' argument that the reference fails to show certain features of applicants' invention, it is noted that the features upon which applicants state "memory allocation component and transfer control component", claim 25, is not recited in the rejected claims; claims 25-30 are new claims.

10. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP

§ 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

Conclusion

11. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Tam D. Tran** whose telephone number is **571-272-7793**. The examiner can normally be reached on MON-FRI from 8:30 – 5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Kee Tung** can be reached on **571-272-7794**. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For

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more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Tam Tran
TT
Examiner

Division 2628

A handwritten signature in black ink, appearing to be 'K. M. Tung', with a long, sweeping horizontal stroke extending to the right.

KEE M. TUNG
SUPERVISORY PATENT EXAMINER